COMPUTING ALLIANCE OF HISPANIC-SERVING INSTITUTIONS

We are a consortium of administrators, faculty, and students
from higher education working with non-profits,
industry, and government organizations

VISION

By 2030, Hispanics will represent 20% or more of those who earn credentials in computing.

MISSION

To grow and sustain a networked community committed to recruiting, retaining, and accelerating the progress of Hispanics in computing.

WE BELIEVE

In preparing Hispanic students with the technical qualifications to shape the future of computing.

In growing a geographically dispersed network of partners to achieve lasting results.

That inclusiveness must accompany diversity.

CAHSI - Google
Problem - Solving Courses

CAHSI-HENAAC-ARL
Cybersecurity Workshops & Hackathon

WHAT WE DO

Disseminate effective teaching & learning practices

Enhance curriculum to meet national needs

Promote extra - & co-curricular student experiences

Prepare future leaders in computing

Excite K-12 students about computing
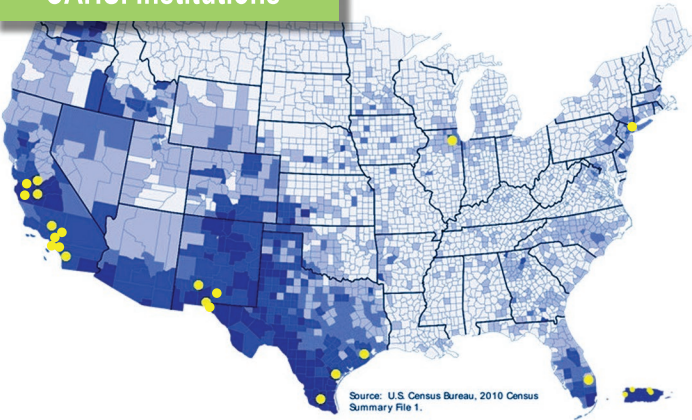
Provide professional development

Link computing to social good

Create inclusive learning environments

ACCELERATING - HISPANICS - COMPUTING

CAHSI Institutions

Source: U.S. Census Bureau, 2010 Census Summary File 1.

HOURS ENGAGED

40,590 hours of introductory computing content delivered to 902 students, more than half were Hispanic or other under-represented minority students.

A record 34,545 hours of undergraduate-led supplemental instruction through PLTL to 2303 students, over half were Hispanic.

3,510 hours of coursework using the Affinity Research Group model provided to 78 students; over three fourths were Hispanic students.

HIGHLIGHTS

CAHSI departments graduate 46% Hispanic students in mainland U.S. departments versus mainland US HSIs graduate as a whole of 24% Hispanic computing degree production.

CAHSI was recognized in 2015 as a Bright Spot in Hispanic Education by the White House Initiative on Educational Excellence for Hispanics.

CAHSI is included in Excelencia in Education's What Works database.

CAHSI collaborates with Great Minds in STEM to co-locate the CAHSI Summit with HENAAC.

CAHSI INCLUDES hosted the Conference to Advance the Collective Impact of Retention and Continuation Strategies for Hispanics and Other Underrepresented Minorities in STEM Fields.

National IPEDS data — CAHSI
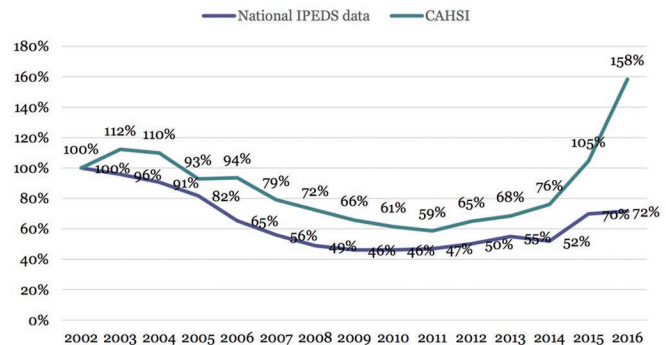
Percent of 2002 BS graduation rates in computing, CAHSI and national IPEDS data from 2002 to 2016. The comparison set of departments is indicative of the US computing departments as a whole and is constrained by the programs that existed in 2002.

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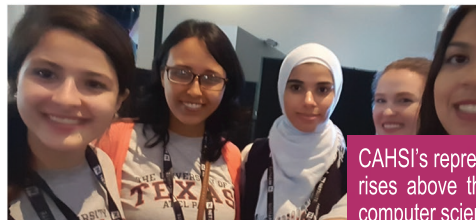**Claudia Casas**
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CAHSI's representation of women in two of its signature initiatives rises above the national average of women undergraduates in computer science. Nearly one-quarter of the participants in CAHSI initiatives were women and female participation in CS-0. PLTL surpassed the national average of 17% in CS/CIS (NCWIT, 2016).

STUDENT VOICES

The CAHSI Summit really persuaded me to continue my education once I graduate, which is a huge benefit. I learned about fellowships, and that they can help pay for grad school.

[T]he CAHSI Annual Summit broadened my knowledge of computer science and technological opportunities. It allowed me to make connections with others interested in similar areas of study and those in the industries I am interested in.

The fact that it [the CAHSI Summit] brings together multiple Latinos and Latino serving institutions provides an awesome atmosphere. It allows me to actually express myself and my culture.

The CAHSI conference is different from other conferences I have attended in that this conference was easier to meet people since it was not as huge and I got to meet people that struggle or have shared ethnic/gender experiences.